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**ABSTRACT**

An AAA (Authentication, Authorization, Accounting) server system for managing a pool of logical addresses and a method for updating status information within the AAA server system are provided. The AAA server system comprises several AAA servers. Each of the AAA servers are assigned one or more discrete partial amounts of the address pool. Status information exchanged relating to address allocation affect the discrete partial amounts of addresses. An efficient allocation of resources to logical addresses is guaranteed as a result of changes to the assignment of partial amounts of logical addresses in AAA servers, according to need.